

6643947

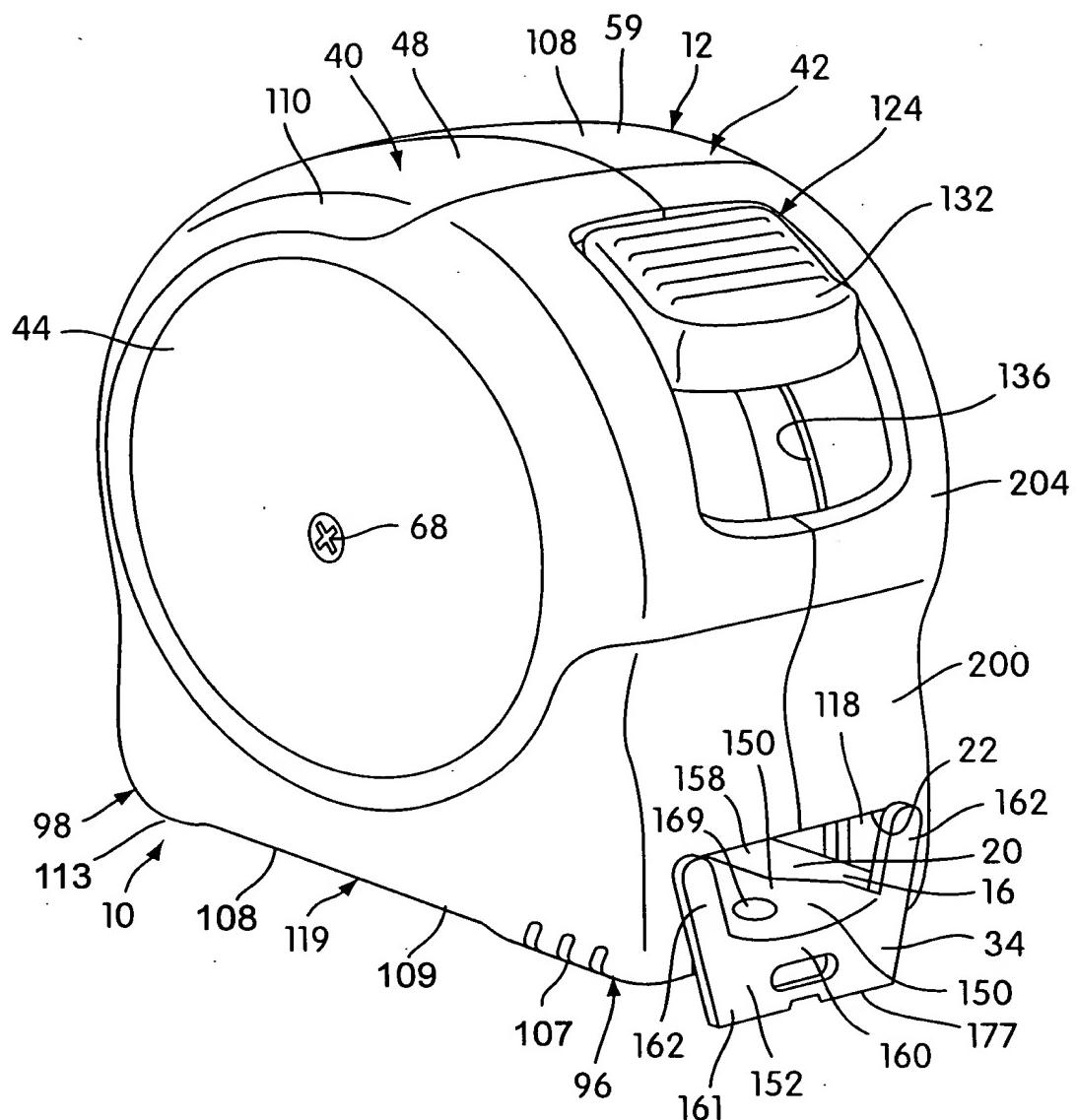


FIG. 1

009982709 * 11/03/2000

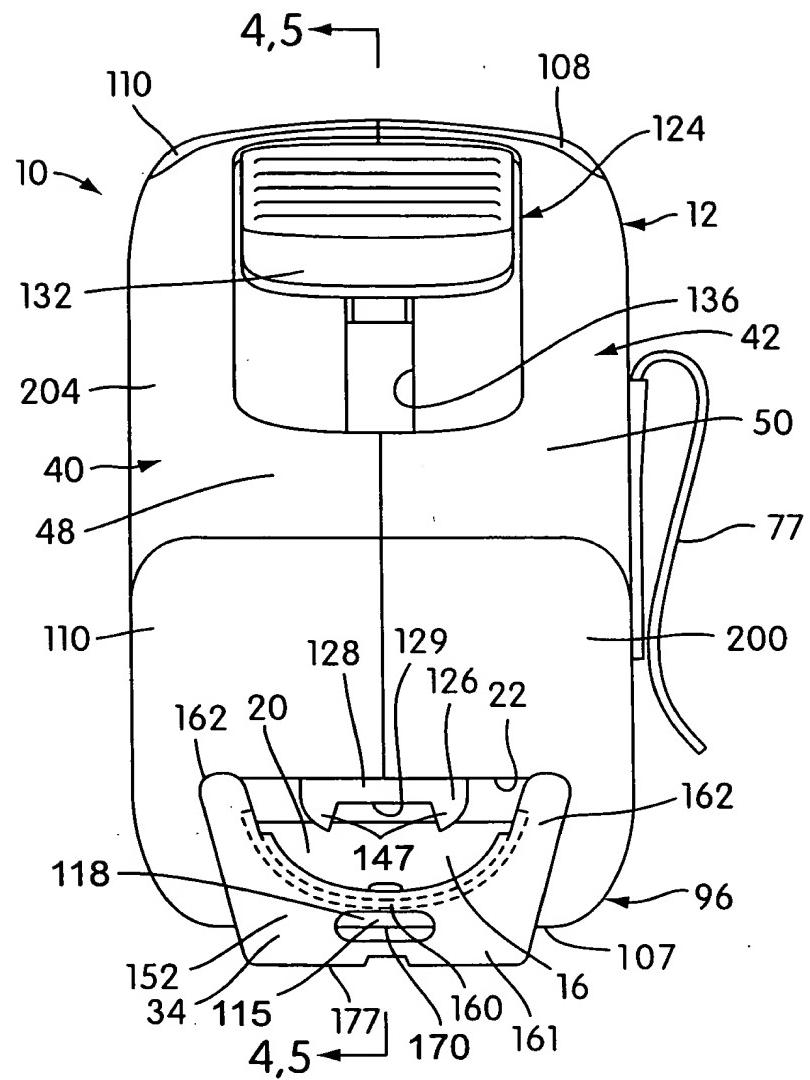


FIG. 2

06982709 · 111500

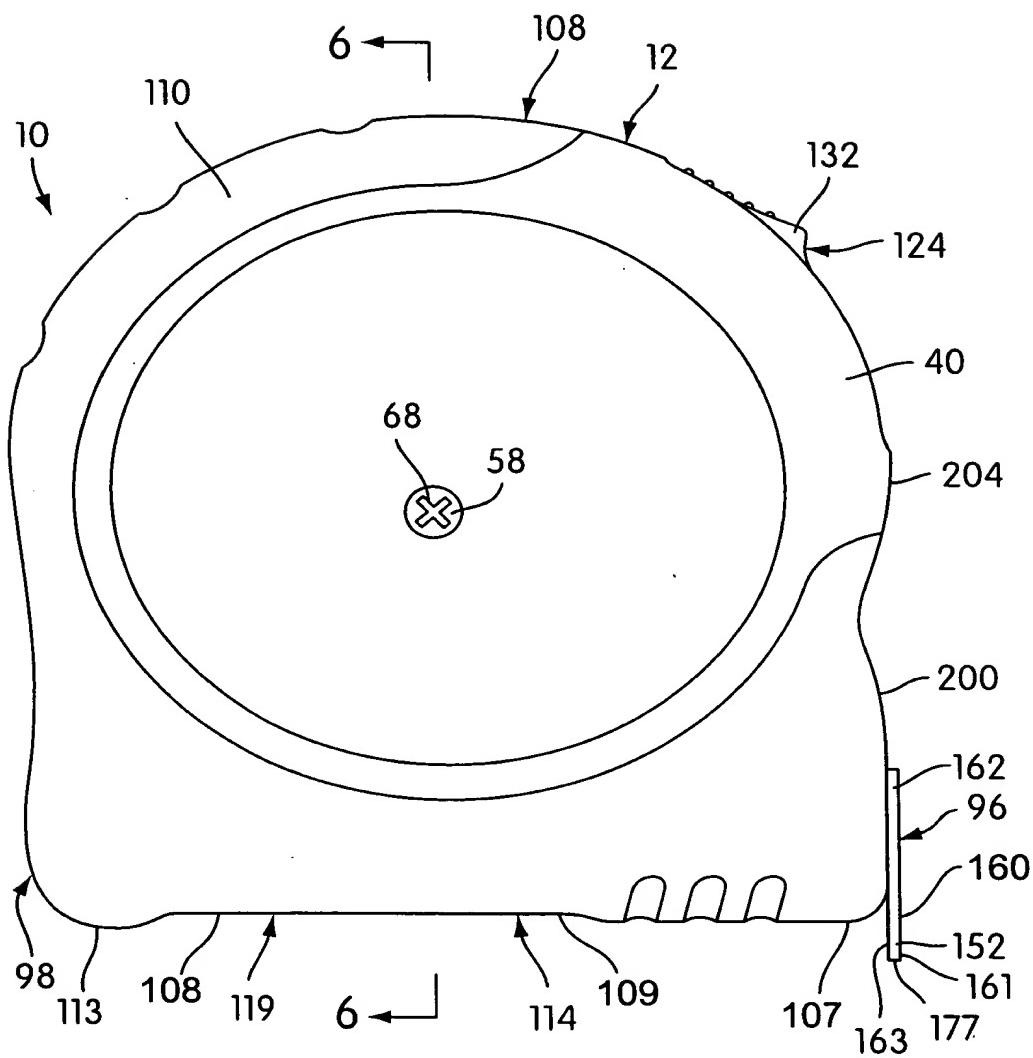


FIG. 3

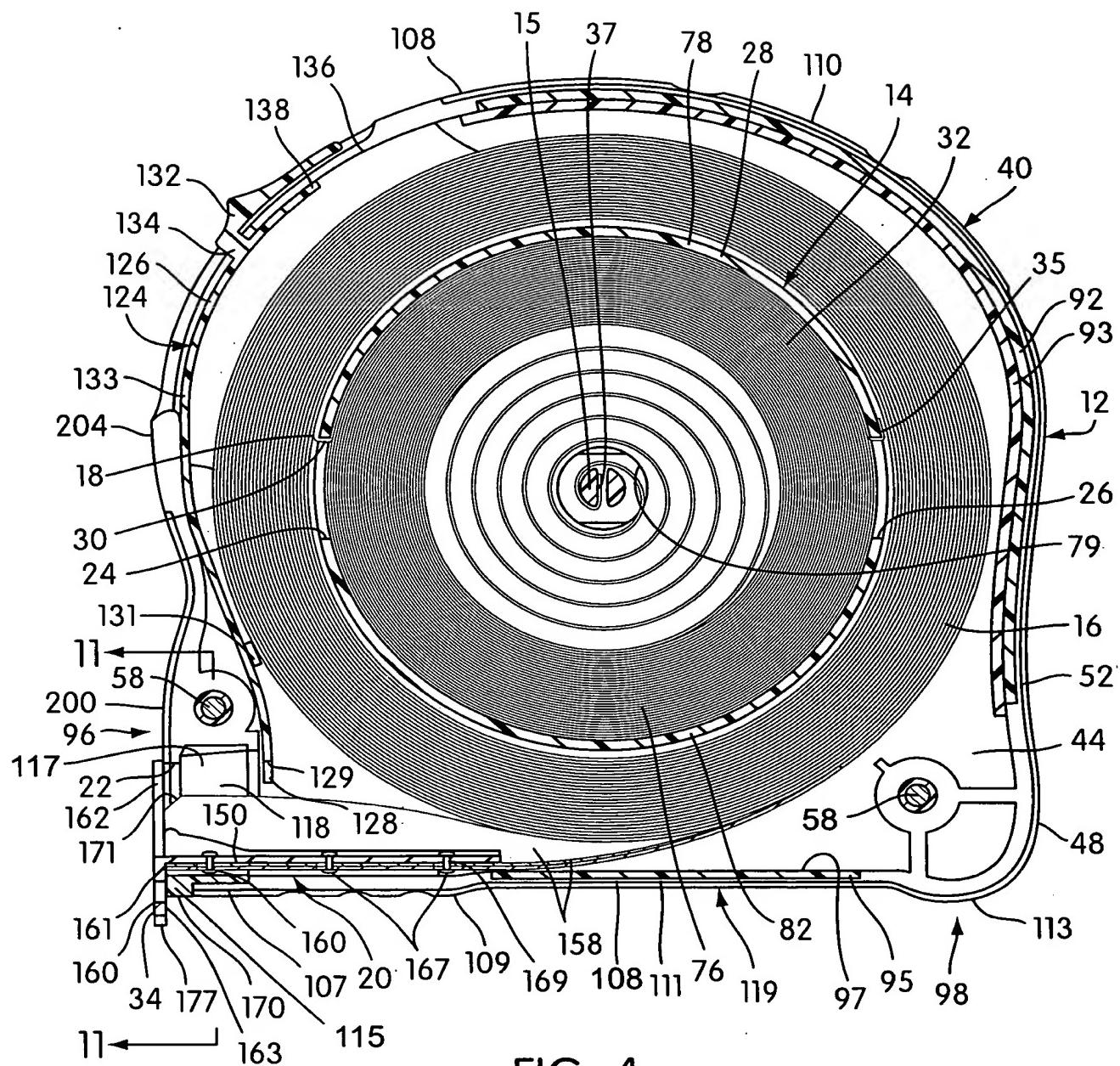


FIG. 4

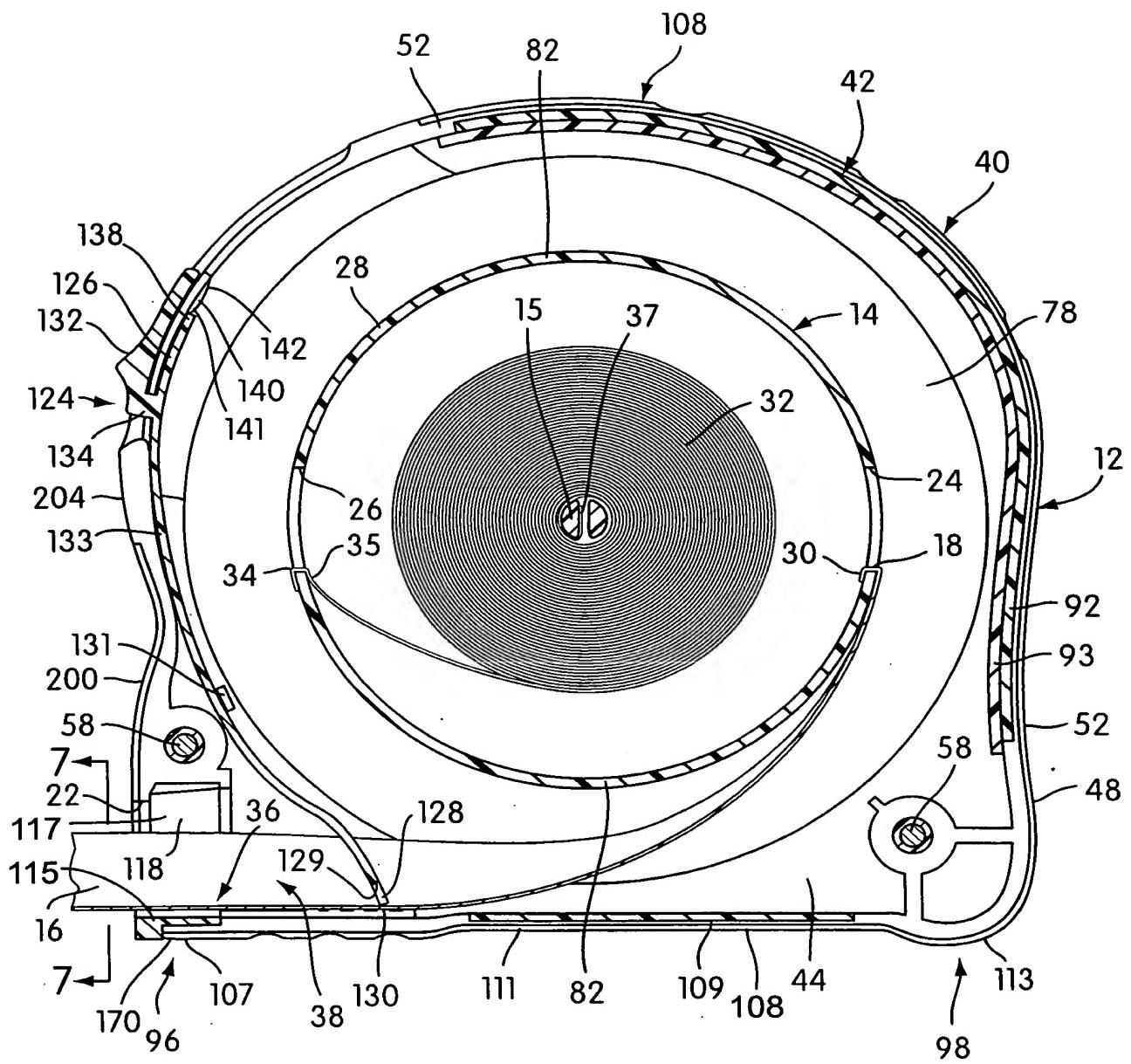


FIG. 5

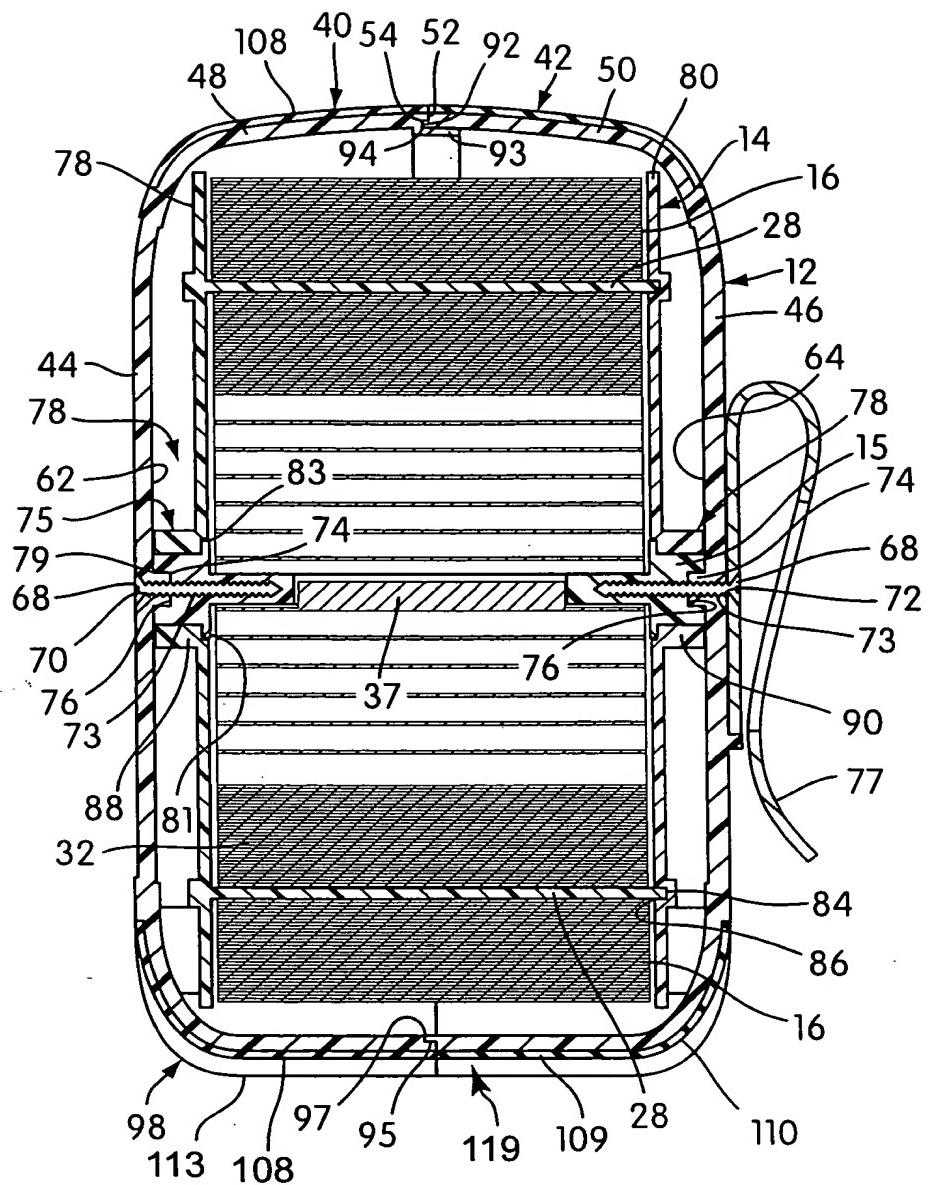
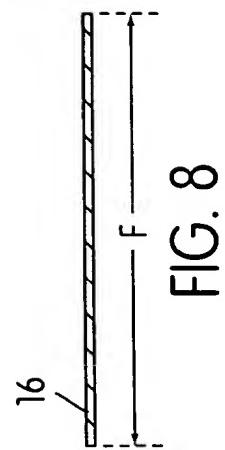
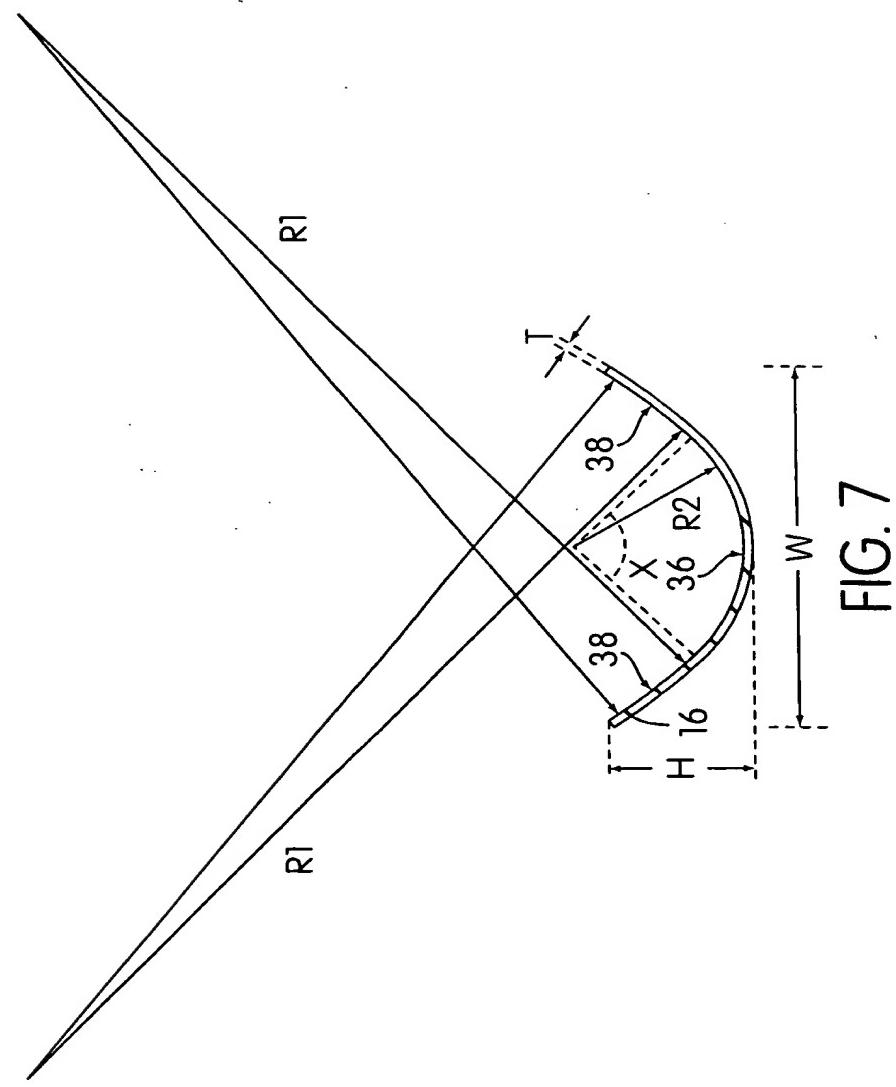


FIG. 6



*BLADE / SPRING WIDTH [IN]	*BLADE / SPRING THICKNESS [IN]	"ARCUATE" LENGTH-OUT "C" [IN / FT] [RANGE +/- 6 [IN]]		***LINEAR LENGTH-OUT "B" [IN] [RANGE +/- 3%]		TO ACHIEVE FULL BLADE EXTENSION "A" [IN] [RANGE +/- 3%]	PERCENT LINEAR TO ARCUATE LEGTH-OUT	MAXIMUM TAPE RULE ROTATION ANGLE "D" AT FULL EXTENSION (DEGREES)
		PRIOR ART	ART	PRIOR ART	ART			
1.000 / 0.875	0.0045 / 0.0051	84 / 7 FT	79	23	94%	>45		
1.000 / 0.875	0.0051 / 0.0056	84 / 7 FT	80	22	95%	>45		
1.000 / 0.875	0.0051 / 0.0056	96 / 8 FT	86	40	90%	>45		
1.000 / 0.875	0.0056 / 0.0060	84 / 7 FT	81	18	96%	>45		
1.000 / 0.875	0.0056 / 0.0060	96 / 8 FT	91	31	95%	=/ <35		
1.000 / 0.875	0.0056 / 0.0060	108 / 9 FT	93	53	86%	=/ <25		
1.250 / 1.250	0.0051 / 0.0051	84 / 7 FT	83	5	99%	>45		
1.250 / 1.250	0.0051 / 0.0051	96 / 8 FT	95	8	99%	>45		
1.250 / 1.250	0.0051 / 0.0051	108 / 9 FT	107	17	99%	>45		
1.250 / 1.250	0.0051 / 0.0051	120 / 10 FT	119	30	99%	>45		
1.250 / 1.250	0.0051 / 0.0051	132 / 11 FT	129	38	98%	>45		

* BLADE WIDTH MEASURED IN FLAT FORM OR ARCUATE PERIMETER OF THE CROSS SECTION

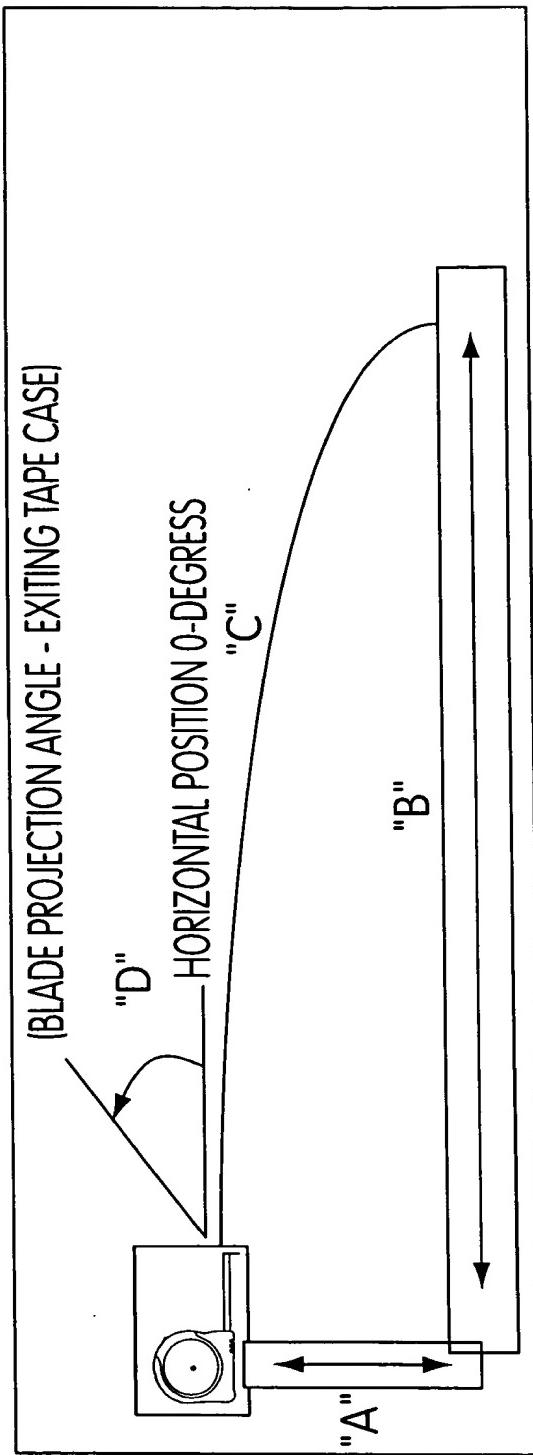
** RAW STEEL THICKNESS WITHOUT COATINGS

*** ACTUAL UTILITY OF TAPE BLADE STANDOUT

**** ROTATION ANGLE REQUIRED WHEN MEASURING VERTICAL POINTS ABOVE HORIZONTAL PLANE OF BLADE TIP

FIG. 9

FIG. 10



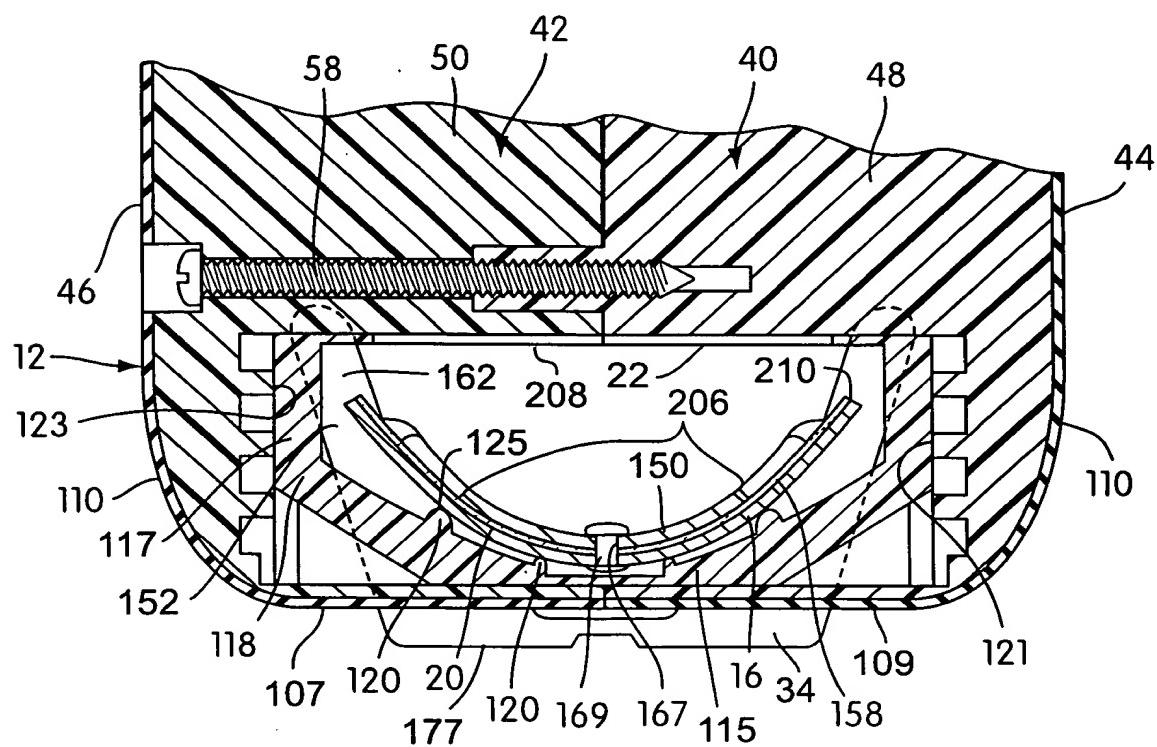


FIG. 11